

Gangguan mata pada pengelas : studi kasus di bengkel mobil "A" Jakarta, 1998

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Abstrak

Studi kasus terhadap kegiatan informal dilakukan di bengkel mobil "A", Jakarta. Desain ini dipilih karena memang sektor informal masih belum banyak diteliti. Data dikumpulkan dari pengamatan, anamnesis, pemeriksaan fisik, penunjang dan lingkungan. Hasil kajian didapatkan 2 kasus tenaga kerja, masa kerja 15 dan 11 tahun, dengan keluhan mata silau, yang mendapat pajanan kronik radiasi sinar ultra violet dan percikan logam (gram) berulang. Pengukuran pajanan radiasi yang diterima jaringan masih di bawah NAB, kelainan berupa sikatriks kornea (nebula) pada kedua pengelas dan pinguekula pada seorang pengelas. Faktor yang mendukung terjadinya kelainan yaitu akibat kurangnya pengetahuan tentang bahaya pengelasan dan tidak adanya alat pelindung mata (goggles) selama pengelasan. Diagnosis penyakit akibat kerja pada studi ini sikatriks kornea berupa nebula akibat percikan logam berulang selama pengelasan.

Disorder of the Eye of Welding Labor, A Case Study at a Garage "A" in Jakarta, 1998. A case study on informal sector was conducted at a garage "A" in Jakarta. This design was selected because there has not much studies being conducted on informal sector. Data were collected from observation, anamnesis, physical and laboratory examination and environment condition. As a result, there were two workers with 15 and 11 years of working period who have eye complaints due to the chronically exposed of ultra violet radiation and repeatedly hit metal sparks. Measurement of radiation exposure to the tissue was still under the TLV. Disorder of the eyes were corneal cicatrices (nebula) in both workers and pinguecula in one of the workers.

Contributing factor to the disorder was due to the lack of knowledge about the dangerous of welding and no protection (goggles) during the welding activities. The occupational diseases diagnosed in this studio arc corneal cicatrices (nebula) due to repeatedly metal sparks during welding activities.